

VILKOV, K. I.

Vilkov, K. I.

"Investigation of the Hardness and Fissure Formation of Curved Reinforced-Concrete Parts of T and I Cross Section." Min Higher Education USSR. Gor'kiy Construction Engineering Inst imeni V. P. Chkalov.. Chair of Reinforced Concrete and Stone Structures Gor'kiy, 1955. (Dissertation for the Degree of Candidate Technical Sciences.)

Knizhnaya Letopis': No. 27, 2 July 1955.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859820004-4"

VILKOV, L.V.

USER/ Charletry - Applytical chemistry

Card 3/1

Fub. 77 - 20/51

Authors

Akishin, P. A.; Vilkov, L. V.; and Spiridonov, V. P.

Title

Electronographic study of the molecular structure of wine halides ZnClo, ZnBro and ZnJo

Pariodical

Dek. AN SSSR 101/1, 77-80, Mor 1, 1955

Abstract

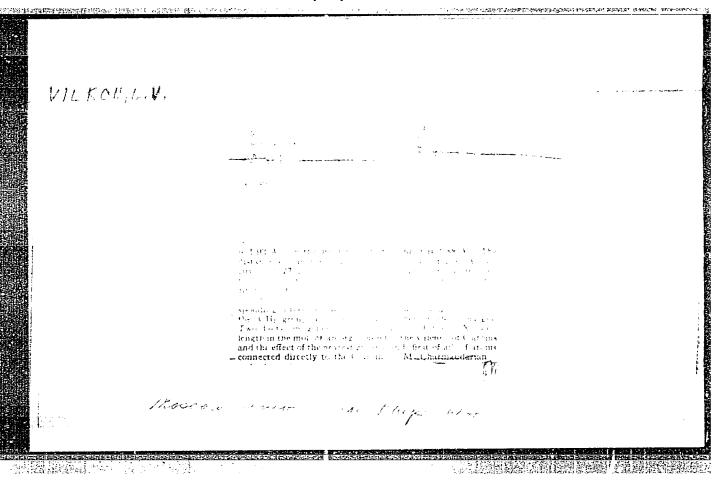
The edvantages of the electronographic method for the study of molecular structures of inorgenic compounds are analyzed. Electronographic study of ZnCl2, ZnBr2 and ZnJ2 melecules showed that all possess a linear structure. This configuration we seen to correspond to the valent state of the central Zn-atom. It was observed that the interatomic spaces in the Cl. Br and J-derivatives of zinc very in accordance with the linear law depending, of course, upon the ordinal number of the halide. The values of the interatomic spaces are tabulated. Six references: 2 USSR, 1 English, 1 German and 2 USA (1934-1953). Tables; graphs.

Institution: The M. V. Lomonosov State University, Moscow

Presente by: Academician N. N. Semenov, September 22, 1954

VILKOV, L. V. Cand Chem Sci -- (diss) "Certain laws variation of lengths bonds of carbon-halogen. (Electronographic study of the molecular structure of certain halogen-producing organic compounds)" Mos, 1957. 16 pp 20 cm (Mos State Univ im M. V. Lomonosov), 110 copies. (KL, 24-57, 115)

-11-



VILKOU, L.V.

AUTHORS:

Akishin, P. A., Vilkov, L. V., Tatevskiy, V. M. 20-1-33/58

. ITLE:

Electron Diffraction Study of the Chloroprene Molecule (Elektronograficheskoye issledovaniye stroyeniya molekuly

khloroprena).

PERIODICAL:

Doklady AN SSSR 1958, Vol. 118, Nr 1, pp. 117-120 (USSR)

ABSTRACT:

The task of the present work is the determination of the spacial configuration and the geometric parameter of the chloroprene molecule by means of the method of the diffraction of quick electrons with a vapour jet of the substance to be investigated. The apparatus for the taking of electronograms was already described in a preliminary work (ref. 1). With long waves of electrons of from 0,0520 to 0,0540 & 7 series of electronograms were obtained. With these electrons 8 maxima and 7 minima were measured by means of visual evaluation of their intensity. From the experimental data obtained and given in a table the curve of radial distribution was constructed. The calculation made with a variation of the values of the intensity of the extremes proved the reliability of the curve of radial distribution. The attachment of the peaks of the curve of radial distribution to interatom distances in the chloroprene molecule arranged by the authors is

Card 1/3

Electron Diffraction Study of the Chloroprene Molecule.

20-1-33/58

。 中国主义和中国主义的企业和创建的工程,并不是不是一种工程的工程,但是是自己的工程的工程的工程的工程的工程,并不是一个工程的工程,并不是一个工程的工程的工程,并

mentioned here. Then the theoretic curves of intensity of various models (the structure parameters of which are mentioned in a table) are calculated according to the method of successive approximation. Not with all models the theoretic intensity curves coincide with the experimental curve of scattered electrons. This non-coincidence exists e.g. for the plain transisomer, the plain zis-isomer as well as for the rotated isomer with a rotation of the vinyl-groups by 90° around the C2 - C3 group. The best coincidence is obtained for the plain model of the chloroprene molecule with transposition of double compounds and $C_1C_2C_3$ — and $C_2C_3C_4$ — angles differing by 5° , as well as for the non-plain model of the molecule with a rotation of the vinyl-groups around the only C2-C3-compound by 320 (rotation from the trans-position) and with equal C1C2C3- and C2C3C4- angles. The main parameters of the two latter models coincided completely with the interatom distances obtained from the curve of radial distribution. The two most probable structures resulting from the electronographic investigation of the structure of the chloroprene molecule are given with their numeric parameters. The double carbon compounds in the chloroprene molecule have a transfiguration or a similar configuration, which coincides with

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Electron Diffraction Study of the Chloroprene Molecule.

20-1-33/58

the earlier obtained infrared- and ultraviolet spectra of chloroprene. There are 3 figures, 2 tables, and 11 references,

3 of which are Slavic.

ASSOCIATION: Moscow State University imeni M. V. Lomonosov (Moskovskiy

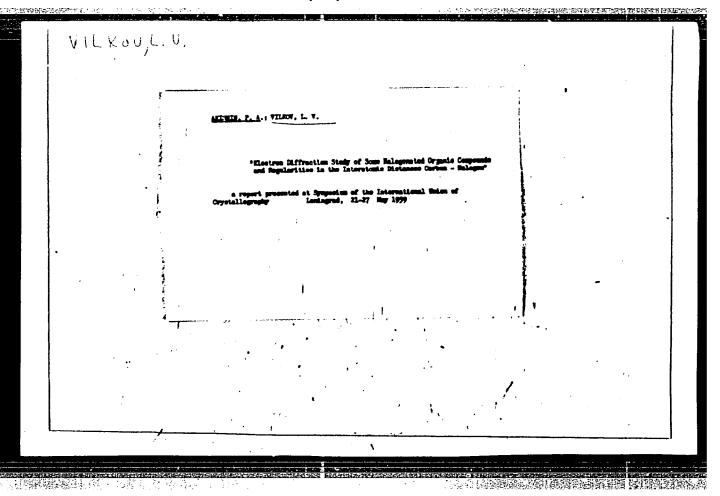
gosudarstvennyy universitet imeni M. V. Lomonosova).

PRESENTED: January 3, 1957, by N. N. Semenov, Academician.

SUBMITTED: December 29, 1956

AVAILABLE: Library of Congress

Card 3/3



APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859820004-4"

5(4), 24(7) AUTHORS: Akishin, P. A., Vilkov, L. V., Vesnin, Yu. I. SOV/20-126-2-23/64

TITLE:

The Electromagnetic Investigation of the Structure of the Molecules of Vinyl Chloride and Trifluorochlorethylene (Elektronograficheskoye

[1] 图 17 中的数据 15 平原的 E 15 是 16 全面中华的 E 16 中华的 E

issledovaniye stroyoniya molekul khloristogo vinila i

triftorkhloretilena)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 2 pp 310-313 (USSR)

ABSTRACT:

Knowledge of the molecular structure of vinyl chloride C2H3Cl and

trifluorochlorethylene C2F3Cl is of essential interest for

understanding the mechanism of their polarization and also for the purpose of explaining some problems of molecular structure. This includes especially the conception of double bond. All unsettled questions concerning the structure of the molecule C₂H₃Cl arise

apparently also in the case of the molecule of C2F3C1. The

electronograms of the vapors of C2H3Cl and C2F3Cl were taken by

means of an earlier described (Ref 5) electronograph. These

electronograms were then evaluated by visual evaluation of intensity

Card 1/3 according to the method of radial distribution (curves rD(r)) and

The Electromagnetic Investigation of the Structure of the SOV/20-126-2-23/64 Molecules of Vinyl Chloride and Trifluorochlorethylene

successive approximations (curves I(s)). For vinyl chloride vapors (boiling point -13.80) a total of 7 series of electronograms was recorded. From the data given in a table the experimental curve was then derived, and from it the radial distribution curve was calculated. The main peaks of this curve corresponds to the following interatomic distances: 1) 1.32 Å r(C = C); 2) 1.72 Å r(C - C1), and 3) 2.71 Å r(C...C1). By the method of successive approximations the distance r(C = C) was essentially precisely defined. The following parameters were determined for the molecule of vinyl chloride: r(C - C) = 1.32 + 0.02 Å; r(C - C1) = 1.72 + 0.01 Å; LCCC1 = $125 + 2^{\circ}$; r(C - H) = 1.07 Å, and for LHCH = LHCC1 120° is assumed. A total of 9 series of electronograms was recorded of the vapors of C2F3Cl. On the basis of experimental data the experimental intensity curve was then constructed. The inner part of the diffraction picture was so diffuse that the 3 visually found maxima could not be measured. The curve of radial distribution was derived from the experimental intensity curve. The peaks of the curve r D(r) belong to the following interatomic distances in the molecule From C-C = 1.32 Å-rC-F and r(C = C), 172 Å-r(C - C1); 2.32 Å-r(C..F),

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The Electromagnetic Investigation of the Structure of the SOV/20-126-2-23/64 Molecules of Vinyl Chloride and Trifluorochlorethylene

r = (F..F'); 2.67 Å - r(Cl..F); r(C...Cl), r(F'..F"); 3.07 Å - r(Cl..F); 3.57 Å - r(C...F"); 3.93 Å - r(Cl..F'). In the halogen derivatives of ethylene the length of the C-C - bond does not increase but rather decreases. No systematic variations of the length of the C-Cl-bond (as a function of the number of halogen atoms) were observed. There are 4 figures, 4 tables, and 9 references, 4 of which are Soviet.

ASSOCIATION:

Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova

(Moscow State University imeni M. V. Lomonosov)

PRESENTED:

February 5, 1959 by V. N. Kondrat'yev, Academician

SUBMITTED:

February 2, 1959

Card 3/3

Akishin, P.A., Vilkov, L.V. and Rosolovskiy, V.Ya.

AUTHORS: Investigation of the Structures of Molecules of Perchloric

TITLE: Acid and Perchloric Anhydride

Kristallografiya, 1959, Vol 4, Nr 3, pp 353-359 (USSR) PERIODICAL:

 HClo_4 was made by distilling $\mathrm{HClo}_4 \cdot \mathrm{2H}_2\mathrm{O}$ in vacuo with ABSTRACT:

> oleum. ${\rm Cl}_2{\rm O}_7$ was made by reacting ${\rm HClO}_4$ with ${\rm P}_2{\rm O}_5$ and distilling at -34° and 2 mm Hg. Electronograms were taken as described earlier (A.V. Frost et al. .. Ref 5) and interpreted in two ways: a) by transformation to radial density distributions and b) by trial and error involving comparison of observed and calculated scattering

curves. Calculations were made on the Strela machine.

For HClO_L 23 electronograms were taken for

 $\lambda = 0.052 - 0.062 \text{ Å}$. Intensity curves showed 10 peaks

and led to final molecular dimensions of: (C1 = 0) 1.42 \pm 0.01 Å; (C1 - 0) 1.64 \pm 0.02 Å and

(0-C1-0) 100^{0} + 2^{0} . H-positions were not found.

Card1/3

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Investigation of the Structures of Molecules of Perchloric Acid and Perchloric Acid and

are three C1 = 0 bonds and one C1 - 0 in the $HC10_{ll}$ molecule which has the symmetry C_{3v} .

For Cl_2O_7 a series of 32 electronograms showed 8 peaks. The molecule $\text{O}_3\text{Cl}-\text{O'}-\text{ClO}_3$ was found to have the following dimensions: (Cl = 0) (in the ClO_3 groups) + 424 ± 0.01 Å; (Cl - O') 1.725 ± 0.03 Å; (ClO'Cl) 115° ± 5 °; one plane of symmetry (containing the two Cl atoms and the middle O' atom) with the ClO_3 groups in opposite orientations. It is significant that these two molecules each have two different Cl-O bond distances whereas the ClO₄ ion is tetrahedral. In HClO_4 and Cl_2O_7 the height of the ClO_3 pyramid (~ 0.2 Å) is near to the normal oscillation amplitude along the Cl-O bond and hence the

Card2/3

Investigation of the Structures of Molecules of Perchloric Acid and Perchloric Anhydride

molecules can easily dissociate to form active complexes. Acknowledgments are made to V.I. Mikheyeva and A.A. Zinov'yev. There are 5 figures, 4 tables and 14 references, of which 6 are Soviet, 5 German, 1 English and 2 Scandinavian.

ASSOCIATIONS: Moskovskiy gosudarstvennyy universitet im.

M.V. Lomonosova (Moscow State University imeni M.V.Lomonosov)

Institut obshchey i neorganicheskoy khimi (Institute of General and Inorganic Chemistry)

SUBMITTED: February 10, 1959

Card 3/3

AKISHIN, P.A.; VILKOV, L.Y.; SOKOLOVA, N.P.

Electronographic analysis of the structure of nolecules of monochloro and monobromodimethyl ethers. Izv.Sib.otd.AN SSSR no.5:59-65 160. (MIRA 13:7)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova i Institut neorganicheskoy khimii Sibirskogo otdeleniya AN SSSR. (Methyl ether) (Electron diffraction examination)

AKISHIN, P.A.; VIIKOV, L.V.; ROSOLOVSKIY, V.Ya.

Electron diffraction study of the structure of vapor molecules of nitric acid and nitric anhydride. Zhur. strukt. khim. 1 no.1:5-11 Je '60. (MIRA 13: 8)

1. Moskovskiy gosudarstvennyy universitet imeni m.V.Lomonosova i Institut obshchey i neorganichsekoy khimii imeni N.S. Kurnakova AN SSSR.

(Nitric acid) (Nitrogen oxide)

VILKOV, L. V.; ZASORIN, Ye. Z.; RAPBIDI, N. G.; SPIRIDONOV, V. P.

"Electron Diffraction Investigation of the Molecular structure of Some Gaseous Oxides"

SUMMARY: There exists very little data in the literature on the structure and geometrical parameters of gaseous oxides of various elements. However, the Diffraction Laboratory of the Department of Chemistry of Moscow University carried out systematic electron-diffraction investigations of the geometry of various oxides in the vapor state, and in this paper the authors give us the results of the electron-diffraction study of the following gaseous oxides:

Li₂0, B₂03, P₄0₁₀, Sb₄0₆, and Cl₂0₇

Report to be submitted at the International Conference on Fagnetism and Crystallography, Kyoto, Japan, 25-30 Sept 1961

Moscow State University

AKISHIN, P.A.; VILKOV, L.V.; MOCHALOVA, N.I.

Electron diffraction examination of the structure of molecules with conjugated multiple bonds. Part 1:α-chloroacrolein and methylglyoxal. Zhur.strukt.khim. 2 no.5:545-550 S-0 '61.

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.

(Acrolein) (Glyoxal)

VILKOV, L.V.; AKISHIN, P.A.; PRESNYAKOVA, V.M.

Electron diffraction study of the structure of molecules of trivalent nitrogen compounds: dimethylformamide and N-methylpyrrole. Zhur.strukt.khim. 3 no.1:5-9 Ja-F '62. (MIRA 15:3)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova. (Nitrogen compounds) (Electron diffraction examination)

MASTRYUKOV, V. S.; VILKOV, L. V.; AKISHIN, P. A.

"Electron-diffraction study of some organoelement compounds."

report submitted for 6th Gen Assembly, Intl Union of Crystallography, Rome, 9 Sep 63.

Chemical Dept, Moscow State Univ.

SADOVA, N. I.; VILKOV, L. V.

"On the dependence of the length of the central carbon-carbon bond on the angle of the twist of the conjugated groups."

report submitted for 6th Gen Assembly, Intl Union of Crystallography, Rome, 9 Sep 63.

Chemical Dept, Moscow State Univ.

VOL'PIN, M.Ye.; STRUCHKOV, Yu.T.; VILKOV, L.V.; MASTRYUKOV, V.S.; DULOVA, V.G.; KURSANOV, D.N.

Structure of the products obtained in the reaction of acetylene with bivalent derivatives of germanium. Izv. AN SSSR. Ser. khim. no.11:2067 N '63. (MIRA 17:1)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

VILKOV, L.V.; MASTRYUKOV, V.S.; AKISHIN, P.A.

Electron diffraction study of the structure of a decaborane molecule in the vapor state. Zhur.strukt.khim. 4 no.3:323-326 My-Je '63. (MIR* 16:6)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
(Boron hydrides) (Electron diffraction examination)

VIILOV, L.V.; MASERVORCY, V.C., AMIGHIN, P.A.

Electron diffraction study of the structure of the virginial lorosilans molecule. Zhur.strukt.khim. 5 no. 2:183-187 Mr-Ap '64. (Midd 17:6)

1. Moskovskiy gosudarstvennyy universitet imeni Lononosova.

L 24782-65 EPF(c)/EWP(j)/EWT(m) Pc-4/Pr-4 EM 28 ACCESSION NR: AP4049609 S/0076/64/038/011/2674/2675 29

AUTHOR: Vilkov, L. V.; Gorokhov, L. N. Mastryukov, B. S.; Rusin, A. D.

TITLE: Molecular mass and mass spectrum of the vapors Ge(C2H2)(CH3)2

SOURCE: Zhurnal fizicheskoy khimii, v. 38, no. 11, 1964, 2674-2675

TOPIC TAGS: molecular mass, $Ge(C_2H_2)(CH_3)_2$, mass spectrum, dimeric molecule, vapor, monomeric ion

ABSTRACT: The authors have investigated the mass spectrum, and determined the molecular mass of the vapors of $Ge(C_2H_2)(CH_3)_2$ with the mass spectrometer MI-1305. The spectrum indicates the presence of dimeric molecules with the mass numbers 252-265, 237-249, 211-223, and 115-121, which are assigned to various ions. Particularly strong is the group of lines 85-91L $Ge(CH_3)^+$ -ion]. The monomeric ion was not detected. The average molecular mass is 234. "The author is grateful to M. E. Vol'pin and Dulova for discussions." Orig. art. has: 1 figure.

Card 1/2

L 24782-65

ACCESSION NR: AP4049609

ASSOCIATION: Moskovskiy gosudarstvenny*y universitet im. M. V. Lomonova, Khimicheskiy fakul'tet (Moscow State University, Chemistry Department)

SUBMITTED: 14Aug63

ENCL: 00

SUB CODE: ME, GP

NO REF SOV: 003

OTHER: 001

ACC NR. AP7005112	SOURCE CODE: UR/0020/66/168/004/0810/0813
	ot) Other of Directors of Dire
Moscow, Doklady Akademii Nauk SSSR, Vo	ol 168, No h, 1966, pp 810-813
metric investigation of dimethylamidod chlorophosphine oxide. It was found t atom, the configuration of the bonds of tially pyramidal in (CH ₃) ₃ N (109°), pl planar in (CH ₃) ₂ NPOCl ₂ (116°). A subs	of the nitrogen atom changes from essen- anar in (CH ₃) ₂ NPCl ₂ (120°), and near tantial increase in the length of the
P-Cl bond is observed in (CH ₃) ₂ NPCl ₂	in comparison with PCla. The length
calculated from the covalent radii and	ret timo de enhatamitaria a de la
explained by the substantial electrost croups. This article was presented by	eractions. The stability of this form is atio interactions of the Cl atoms and CH3
October 1965. Orig. art. has: 1 figur	re and 3 tables. [JPRS: 38,970]
Card 1/2	UDC: 541.63
	1006 (63)

TOPIC TAGS: alkylphosphine, electron diffraction								
SUB CODE: 07 / SUBM	DATE: 21Sep65 /	ORIG REF:	003 / 07	TH REF: 008	ŀ			
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ACC NRI AP7001492

SOURCE CODE: UR/0192/66/007/006/0883/0885

AUTHOR: Vilkov, L. V.; Mastryukov, V. S.; Zhigach, A. F.; Siryatskaya,

ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosuv. N. darstvennyy universitet)

TITLE: Electron diffraction study of the neocarborane molecule

SOURCE: Zhurnal strukturnoy khimii, v. 7, no. 6, 1966, 883-885

TOTIC TAGS: neocarborane, molecular structure, electron diffraction, 1 cosahedron, icosahedral model, electron diffraction analysis, isomigation

ABSTRACT: The structure of the neocarborane molecule $B_{10}C_2H_{12}$ has been studied by the electron diffraction method in the gaseous phase. Neocarborane was prepared by thermal isomerization of ortho-carborane at 480C for 30 hr. Experimental curves of the molecular scattering component sM(s) and of the radial distribution f(r), and a table of the positions of maxima on the f(r) curve are given in the source. Experimental data were compared with the respective data for a model of a regular icosahedron with carbon atoms meta to each other. model was in accordance with earlier assumptions on the structure of neocarborane, and the chemical and physical properties of the compound.

Card 1/2

UDC: 539.27

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	$\frac{1}{f} = \frac{\lambda}{f}$	÷		

VIIKOV, I.V.; AETSHIN, C.A.; SSLOVA, G.Ye.

Flectron diffraction study of the molecular structure of tricthyl phosphite and trivinyl phosphite in vapors. Zhur. struk. khim. é no.32355-360 My-Je 105. (MIRA 18:8)

1. Meskovskiy gusudarstrannyy universitet imeni M.V. Lomonosova.

VILKOV, L.V.: MASTRYHKOV, V.S.; AKISHIN, P.A.; ZHIGACH, A.F.

Electr.n diffraction study of the abrustance of the perturbance molecule (BigCaHa2) in vapors. Zhur. struk. khim. 6 nc.32447

(MURA 18:3)

1.40 by Je 165.

3. Mcakevskiy gesudarstvennyy universitet imeni M.V. Lomonosova.

VILKOV, L.V.; MASTRYUKOV, V.S.

Electron diffraction study of the structure of the phenylmonochlorosilane (MIRA 1817) molecule. Dokl. AN SSSR 162 no.6:1306-1309 Je '65.

1. Moskovskiy gosudarstvennyy universitet. Submitted December 31, 1964.

VILKOV, L.V.

Use of the method of least squares in a gas electron diffraction study. Zhur. strukt. khim. 5 no.6:809-813 N-D '64. (MIRA 18:4)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

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L 63619-65 EPF(c)/EPR/ ACCESSION NR: AP501	/EPA(w)-2/EMP(j)/EMT(1)/E 6917 Pz-6 IJP(c)/ U RPL AT/JAJ/AM 53	MT(m)/EVA(m)=2 P1=4/Pc- R/0192/65/006/003/0447/04 89.27	
AUTHOR: Vilkov, L.V.	; Mastryukov, V.S.; Akisi	nin, P.A.; Zhigach, A.F.	B
TITLE: Electron-diffra	ction study of the structure	e of the <u>carborane molecule</u>	in the vapor
SOURCE: Zhurnal struk	durnoy khimii, v. 6, no. 3	, 1965, 447-449	
TOPIC TAGS: organobo	oron compound, carborane,	electron diffraction	
phase. The theoretical plotted, and the parame plexity of the carborane molecule were determine (1) (1.06 A), (2) 1.33 A in parentheses indicating diffraction data for carbonal carbon	curves and an experimentaters of the theoretical curve molecule, not all of the inted. The main peaks of the control of the values are not control of the control of the authors found in (C) = 1 40 A and r(B-C) = 1	onfiguration of B10C2H12 in all curve of the radial distributes are tabulated. Because dependent geometric parameters experimental curve of f(r) 5) (3.46 A), and (6) (3.90 A) completely reliable. In view the difficult to decide between .60 A, and (2) an "icosahed desult of the study was the definition of the study was the decide between .60 A, and .6	of the com- eters of the are:), the figures of the electron two models: ron" with
Card 1/2			

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859820004-4

L 63619-65

ACCESSION NR: AP5016917

the average length of the bond $r(B-B)_{av}=1.76\pm0.01$ A, rotation of pyramids of boron atoms to $r(B_5-B_{10})\!\approx\!1.77\pm0.05$ A as compared to $r(B_5-B_{10})=2.01$ A in decaborane, and distance $r(B-C)\!\approx\!1.60\pm1.70$ A. The authors also note that they have concluded a study of the structure of the dimethylcarborane molecule $B_{10}H_{10}(CCH_3)_2$, in which an icosahedral structure of the carborane skeleton was found with $r(B-C)=1.75\pm0.05$ A and $r(C-C)=1.70\pm0.1$ A. Orig. art. has: 2 figures and 1 table.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow

State University)

SUBMITTED: 01Sep64

ENCL: 00

SUB CODE: OC, NP

NO REF SOV: 004

OTHER: 013

Card 2/2

VILKOV, L.V.; TIMASHEVA, T.F.

Electron diffraction study of the molecular structure of trivalent nitrogen compounds. N-dimethylaniline. Dokl. AN SSSR 161 no.2:351-354 Mr 165. (MIRA 18:4)

1. Moskovskiy gosudarstvennyy universitet. Submitted September 1, 1964.

VILKOV, L.V.; SAMOVA, N.I.

Electron diffraction study of the atructure of ptenyloyologopane molecules. Fiell, AN SOMA follows, 2,566-668 My M65. (KHM 1855)

1. Moskovskiy gosudarobvenovy universitet Lm. M.V.Lomonosova.
Submitted November 9, 1964.

VILKOV, L.V.; MASTRYUKOV, V.S.; AKISHIN, P.A.

Electron diffraction study of the phenyltrichlorosilane molecule. Zhur. strukt. khim. 5 no.6:906-908 N-D '64. (MIRA 18:4)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

VILKOV, L.V.; GOROKHOV, L.N.; MASTRYUKOV, V.S.; RUSIN, A.D.

Molecular mass and mass spectrum of 1,1-dimethylgermirene vapors. Zhur.fiz.khim. 38 no.11:2674-2675 N 64.

1. Moskovskiy gosudarstvennyy universitet imeni Lomonogova, khimicheskiy fakul tet.

Determining the permeability of oil-and water-bearing lavers by S.P. logging. Geol. nefti i gaza 3 no.7:45-47 Jeli.e. Jl] '59.

(MIRA 12:9)

1. Trest Tatneftegeofizika.

(Oil well logging, Blectric)

sov/9-59-7-9/15 3(5)

· AUTHOR:

Vilkov, N.V

TITLE:

Determining of Permeability of Oil and Water-Bearing Strata According

to "FS"

PERIODICAL:

Geologiya nefti i gaza, 1959, Nr 7, pp 45 - 47 (USSR)

ABSTRACT:

The author compared data on the average permeability of water and oil bearing strata of Devonian deposits with data on porosity determined by the "FS" method. He found that there existed a satisfactory correlation between the average permeability and the found porosity. This permits the estimation of permeability of oil and water bearing strata by the "PS" parameter. It is stated that the "PS" method gives better results than other existing methods developed by G.S. Morozov, L.P.

Card 1/2

Dolina and N.V. Vilkov. Graphs are presented where the permeability of

CIA-RDP86-00513R001859820004-4" **APPROVED FOR RELEASE: 09/01/2001**

Determining of Permeability of Oil and Water-Bearing Strata According to "PS"

sand-clay Devonian deposits is plotted versus their porosity, determined by the "PS" method.
There are: 2 graphs, 5 tables and 1 Soviet reference.

ASSOCIATION: Trest Tatneftegeofizika (Tatneftegeofizika Trust)

Card 2/2

Determining the porosity of layers by the PS parameter. Geol.nefti
2 no.12:60-62 D '58. (MIRA 12:2)

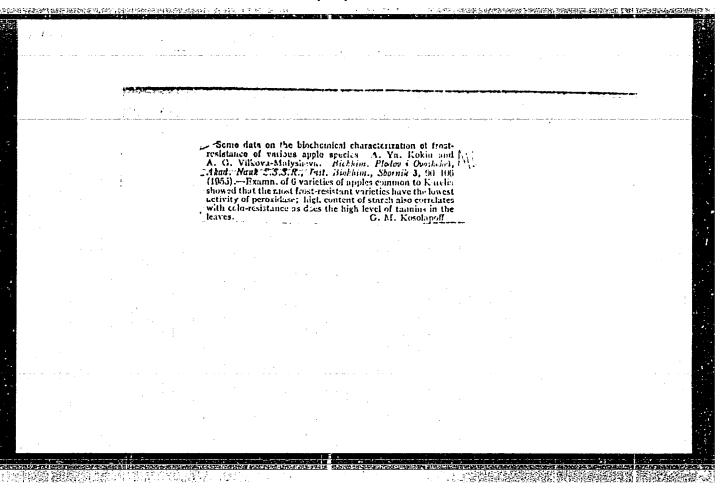
(Oil well logging, Electric) (Porosity)

VILKOV, V.

Television

TV-3 televisor. Radio no. 4, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.



VILLOVA, A. i.

340?1. Prevrashchenie otdelvnykh fraktsii tamminapri roste i razvitii chrimopo lista. Sbornik nauch. Rabot studentov karepo-fin. gos. un-ta. vyp. 1, 1,43, c. 31-37 - Bibliogr: 8 Nazv

30: Knizhuaya, Letopis', Vol. 7, 1955

VILKOVA, L.A., assistent

Treatment of desquamative flossitis. Teor. i prak. stom. no.5: 86-88 61 (MIRA 16:12)

1. Iz kafedry terapevticheskoy stomatologii (zav. - prof. Ye.Ye. Platonov) Moskovskogo meditsinskogo stomatologicheskogo instituta.

VILKOVA, N.A.

Elachiptera cornuta Fall. (Diptera, Chloropidae) and its importance as corn pest. Zool. zhur. 41 no.4:586-590 Ap '62.

(MIRA 15:4)

1. All-Union Institute of Plant Protection, Leningrad.
(Corn (Maize) -- Diseases and peats)

SHAPIRO, I.D.; VILKOVA, N.A.

Places of egg laying of the Swedish fly Oscinella frit L. (Diptera, Chloropidae). Ent. oboz. 42 no.1:138-150 '63. (MIRA 16:3)

1. Vse soyuznyy institut zashchity rasteniy, Leningrad. (Frit flies) (Insects—E/gs)

3

VILKOVA, N.A. Elachiptera commuta Fall. and its role as a pest of corn and other cereal crops. Vop. ekol. 7:27-28 '62. (MIRA 16:5) 1. Vsesoyuznyy institut mashchity rasteniy, Leningrad. (Daghestan-Elachiptera) (Daghestan-Orain-Diseases and pests)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859820004-4"

KOROLEV, P.A., NIKIFOROV, A.M., SHAPIRO, I.D.; VILKOVA, N.A., DROZDOVSKIY, E.M.

Quastions and answers. Zashch. rast. ot vred. 1 bol. 8 no.2;
39-40 F '63. (Plants, Protection of)

VILKOVA, N.A., aspirantka; KOZLENKO, V.N., fitopatolog (Brazhnoye, Krasnoyarskogo kraya); GULYARENKO, F.N.; RAZVYAZKINA, G.M.; KAPKOVA, Ye.A.; BELYANCHIKOVA, Yu.V.; DZHUMABAYEV, P., aspirant; RASSADINA, Ye.G., aspirant; NIKITINA, M.D., mladshiy nauchnyy sotrudnik; LOGINOVA, K.M., kand.sel'skokhoz.nauk; YUZ'KO, S.L.; PETROVA, N.A.

Brief information. Zashch. rast. ot vred. i bol. 8 no.9:53-57 S '63. (MIRA 16:10)

1. Vsesoyuznyy institut zashchity rasteniy (for Vilkova, Rassadina).
2. Zaveduyushchiy Lisetskim sortouchastkom, selo Krekhovtsy,
Ivanovo-Frankovskoy oblasti (for Gulyarenko).
3. Laboratoriya
mikologii Vsesoyuznogo instituta zashchity rasteniy (for Dzhumabayev).
4. Chitinskaya sel'skokhozyaystvennaya opytnaya stantsiya (for
Nikitina).
5. Pushkinskaya baza Vsesoyuznogo instituta zashchity
rasteniy (for Loginova).
6. Ul'yanovskaya sel'skokhozyaystvennaya
opytnaya stantsiya, pochtovoye otdeleniye Isheyevka (for Petrova).

MARKMAN, A.L.; VIL'KOVA, S.N.

Changes taking place in gossypol under the influence of thermal treatment. Uzb. khim. zhur. no.1:63-68 160. (MIRA 14:4)

1. Sredneaziatskiy politekhnicheskiy institut. (Gossypol)

ACC NR. AP6006194 ETT(m)/EVP(j)/T_R SOURCE CODE: UR/0377/65/000/004/0027/0030 AUTHOR: Vil'kova, S. N.; Novikova, I. A.; Alavutdinov, D. ORG: Physicotechnical Institute, AN UzbSSR, (Fizikotekhnicheskiy institut AN UzSSR) TITLE: The use of foamed polyurethans for manufacturing solar energy collectors SOURCE: Geliotekhnika, no. 4, 1965, 27-30 TOPIC TAGS: solar energy, solar energy collector, polyurethane, foamed polyurethane, foamed plastic, plastic mirror, epoxy resin, aluminum filled epoxy resin, energy conversion, solar energy conversion, polyethylene terephthalate ABSTRACT: A method for making solar energy collectors from rigid foamed polyurethans lined with mirror-like plastic films is described. Polyurethans used for this purpose were prepared from branched polyesters of dicarboxylic acids and triols or the combination of the latter with diols; the polyesters were combined with aromatic diisocyanates. Foamed polyisocyanates were obtained by combining a polyester resin prepared from glycerol (1.3 moles), sebacic acid (0.5 moles) and adipic acid (0.3 moles) with toluylene diisocyanate in a 10:7 ratio at room temperature; water was used to enhance foaming; the foam was stabilized with OP-7 or OP-10 emulsifier (0.3-0.5%). The foamed plastic obtained had good mechanical properties. Two types of solar energy collector were built: one-piece paraboloid collectors with a diameter of 280 or 410 mm, and facet collectors mounted from hexagonal facets with sides 55 mm long each. Card

L 22657-66 ACC NR: AP6006194

The one-piece collectors were made as follows: metal-coated poly(ethylene terephthalate) film fixed between a disk and a ring was inflated to the required curvature, thus forming a paraboloid mirror; the mirror was coated with a thin layer of liquid epoxy resin which cured on the inflated film. After that foam was applied on the mirror obtained; polymerization of the foam lasted about 12 hours at room temperature. The weight of the foamed collector of 410 mm diameter was 201 g, while the similar collector made from filled epoxy resin weighed 930-1000 g; the temperature of the heat receiver in the focus of the collector was 880C; convexity h was 5 cm, and focal length was 21 cm. The facets for the facet collector were prepared by pouring foam into molds. The facets were lined with an epoxy resin mirror, obtained by applying liquid epoxy resin on the aluminum powdered glass. After curing, the film was stripped by heating the mirror on the glass substrate to 160-190C for 2-3 hr. An experimental model assembled from 19 facets with a total surface of 1444 cm2 had a focal length of 0.5 cm. The reflection coefficient of the facet was 0.9; the focus point had an area of 150 $\,\mathrm{cm}^2$; the temperature of the heat receiver in the focus point was initially 250C, but decreased to 115C after 60 days of exposure because of the damage to the mirror surface caused by dirt, dust, and cleaning. The problem of protecting the mirror surface has not yet been solved. The polyurethan substrate retained its high mechanical properties after 60 days of exposure; the color of the foamed plastic changed from light yellow to dark yellow. The expedience of the use of foamed polyurethan for a solar energy collector for the Central Asian climatic conditions was demonstrated. The technology of preparing thin epoxy resin mirror has been developed. Orig. art. has: 2 figures and 2 tables.
SUB CODE: 10, 11/ SUBM DATE: 06Aug65/ ORIG REF: 002/ ATD PRESS: 4216 [BN] Card 2/2/1/W

VIL'KOVA, S.N.; MARKMAN, A.L.

Luminescence method for determining gossypol. Zhur, prikl, khim.
31 no.10:1548-1553 0 '58. (MIRA 12:1)

1.Sredneaziatskiy politekhnicheskiy institut.
(Gossypol--Analysis) (Luminescence)

VIL'KOVA, S.N.

no.7:37-40 58. (MIRA 11:10)

1. Fiziko-tekhnicheskiy institut AN UzSSR. Predstavleno chlenom-korrespondentom AN UzSSR Kh.U.Usmanovym.
(Cotton--Analysis)

VIL'EOVA, S. N.

VIL'KOVA, S. N. -- "Using the Method of Duminescent Analysis to Investigate Cossypol." Min Higher Education USOR. Central Asia Polytechnic Inst. Tashkent, 1955. (Dissertation for the Degree of Candidate in Technical Sciences)

No 1 So: Knizhnaya Letopis', 1956, pp 192-122, 124

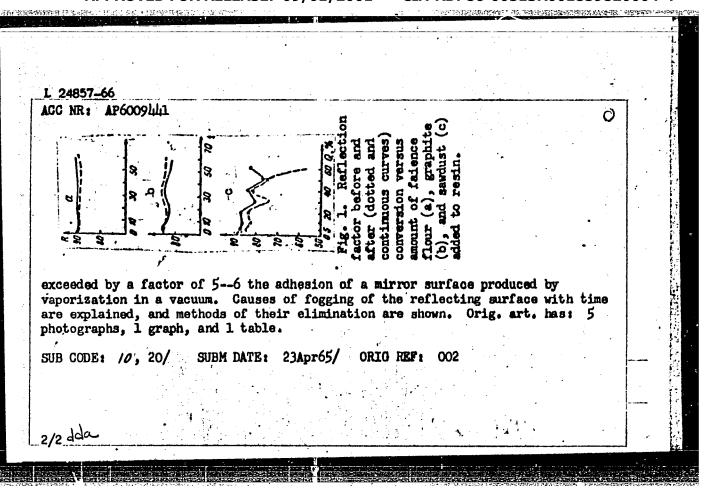
VIL'KOVA, S.N.; MURYOINA, N.G.

Chromatographic study of cotton stalk lignin. Zhur.prikl.
khim. 33 no.7:1628-1632 J1 '60. (MIRA 13:7)

(Lignin)

IL'KOVA, S.N.; MURYGINA, N.G. Irradiation of cotton stalk lignin with y-rays from Co ⁶⁰ . Zhur.prikl.khim. 33 no.7:1674-1676 Jl '60. (MIRA 13:7)				
Zhur .priki	(Lignin) (G	102011 211	(MIRA 13:7)	

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The second of th	1
ACC NR: AP6009441 (A) SOURCE CODE: UR/0377/65/000/003/0041/0048	1-
AUTHORS: Umarov, G. Ya. (Candidate of physico-mathematical sciences); Vil'kova,	-
S. N.; Ayzenshtat, Ye. L.; Novikova, I. A.; Sutyagina, V. M.	1
DEG: Physicotechnical Institute, AN UzSSR (Fiziko-tekhnicheskiy institut AN	
Jess Physicotechnical Institute, AN Uzsk (Fiziko-tekhnicheskiy institut AN D	!
MIMI E. Barduada al Maria	j
TITLE: Producing aluminum mirrors on asbestos cement by the conversion method	
SOURCE: Geliotekhnika, no. 3, 1965, 41-48	
TOPIC TAGS: solar energy conversion, metal plating, asbestos product, aluminum,	
epoxy plastic, resin, light reflection coefficient/ ED-5 resin	
ADCHIDACINA Miles and A Transit A and A an	
ABSTRACT: The use of low-gost asbestos cement as the body of solar concentrators is described. Epoxy resid ED-5 is used to create a smooth surface on one side of	<u>!</u> .
the cement for metallization. This resin shows a small shrinkage as compared with	
other materials. The resin (1520 g) with 8% hardener was applied to a 12 x 6-cm	1
plate of asbestos cement and was pressed with a steel beam weighing 3 kg. It was shown that a optically accurate mirror surface can be created by the conversion	
method (see Fig. 1). A study of the mirror layer showed that its adhesion	2
ard 1/2	•
•	•



VILTOVA T.F.: UTKIN, V.I.

Electrochemical corrosion prevention of tank bottoms. Trudy VMII
(MIRA 9:8)

EP no.5:168-177 '54.
(Corrosion and anticorrosives) (Tanks)

VILKOV, V., inzh.

Special aspects of the lubrication system of the SMD-7 engine. Tekh. v sel'khoz. 20 no.6:56-57 Je '60. (MIRA 13:10)

l. Saratovskiy institut mekhanizatsii sel'skogo khozyaystva imeni M.I. Kalinina.

(Lubrication and lubricants)
(Combines (Agricultural machinery)---Maintenance and repair)

VILKOVA N. A., aspirant

Protecting corn against the Swedish fly. Zashch. rast. ot weed. i bol. 6 no.6:37-38 Je 61. (MIRA 16:4)

1. Vsesoyuznyy institut zashchity rasteniy.

(Corn(Maize) — Diseases and pests)
(Frit flies — Extermination)

GABRILOVICH, A.B.; VIIKOVA, V.F.; KOCHAR'YAN, D.N.

Effect of aeration upon the propagation of dysentery bacteriophage.

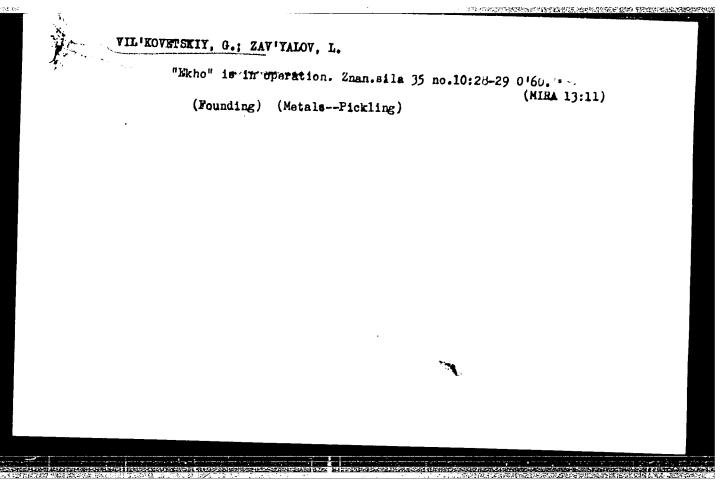
Zhur.mikrobiol.epid.i immun. no.4:80 Ap 54. (MLRA 7:5)

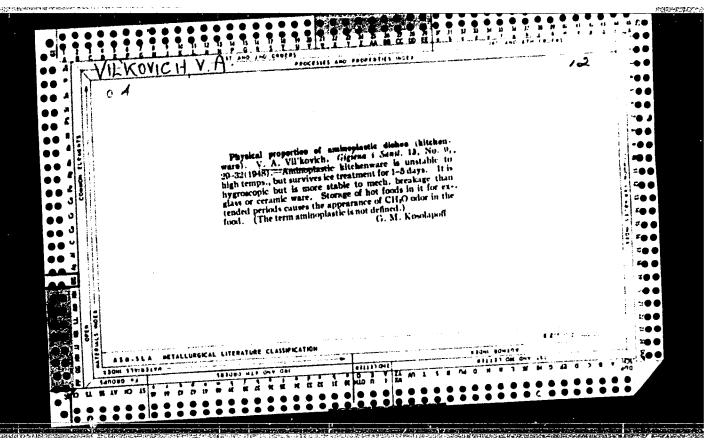
1. Is Rostovskogo-na-Donu instituta epidemiologii i mikrobiologii.
(Dysentery) (Bacteriophagy)

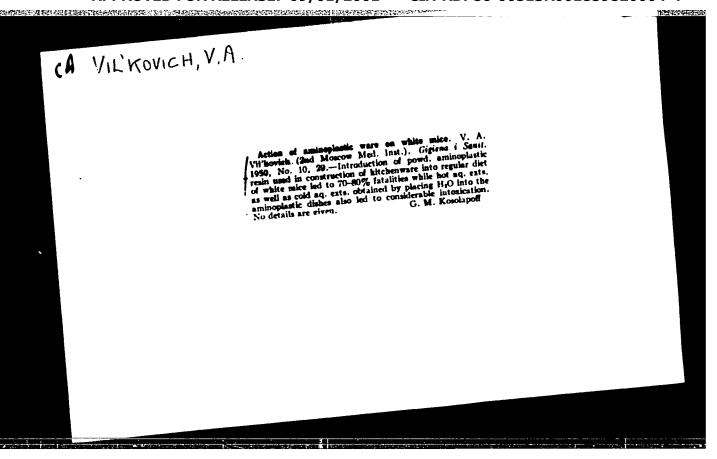
VILKOVA, V.F.; GABRILOVICH, A.B.

Certain properties of a dysentery bacteriophage produced under conditions of aeration. Zhur.mikrobiol.epid.i immun. no.4:80-81 Ap *54. (MLRA 7:5)

1. Is Rostovskogo-na-Donu instituta epidemiologii i mikrobiologii.
(Dysentery) (Bacteriophagy)







VIL'KOVICH, V.A., kand.med.nauk

Truck-mounted sprayer of the Moscow City Disinfection Station. Zdrav. Ros. Feder. 3 no.7:31-33 J1 '59. (MIRA 13:1)

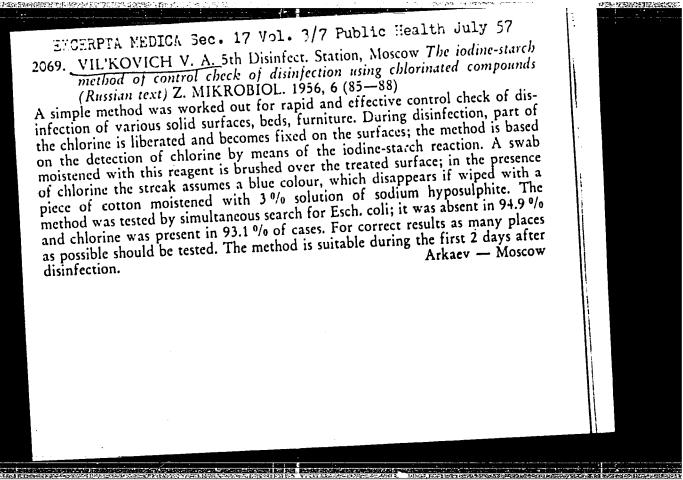
1. Iz Moskovskoy gorodskoy dezinfektsionnoy stantsii (glavnyy vrach I.N. Kudrinskiy) i avtobazy "Skoraya pomoshch!" Mosgorzdravotdela (dir. K.G. Ptotsyan).

(SPRAYING AND DUSTING EQUIPMENT)

TSETLIE, Vitaliy Matveyevich; VIL'KOVICH, Vladimir Abramovich; KARON, I.I., red.

[Physicochemical factors of disinfection] Fiziko-khimiche-skie faktory dezinfektsii. Moskva, Meditsina, 1965. 235 p.

(MIRA 18:5)



YIL'KOVICH, V.A.

Iodine-starch method for checking on disinfection with chlorinecontaining preparations. Zrar.mikrobiol.epid. i immun. 27 no.6; (MLRA 9:8) 85-88 Je 156.

1. Iz dezinfektsionnogo otdeleniya No.5 Moskovskoy gorodskoy dezinfektsionnoy stantsii.

(DISINFECTANTS ANTISEPTICS

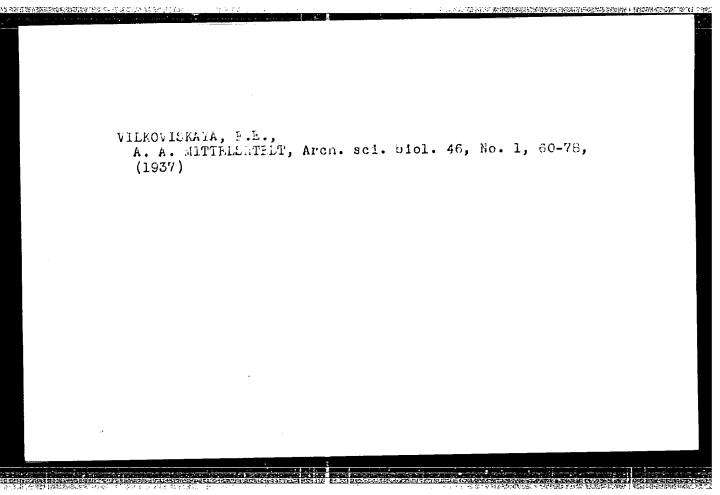
clorine-containing, determ. with starch iodide)

starch iodide, determ. of clorine-containing antiseptics)

(CHLORINE, determ.

in antiseptics by starch iodide)

CIA-RDP86-00513R001859820004-4" APPROVED FOR RELEASE: 09/01/2001



s/0058/64/000/002/V011/V011

ACCESSION NR: AR4032169

SOURCE: Ref. zh. Fiz., Abs. 2V84

AUTHORS: Akkerman, A. F.; Vil'koviskiy, E. Ya.; Chekanov, V. N.

TITLE: Use of the method of resonance scattering of Gamma rays to determine the lifetimes of the second excited states of nuclei

CITED SOURCE: Izv. AN KazSSR. Ser. fiz.-matem. n., vy*p. 2, 1963, , Yadern. fiz., 19-30

TOPIC TAGS: second excited state, state lifetime, Gamma resonance scattering, recoil nucleus, recoil nucleus deceleration, differential cross section

TRANSLATION: It is shown in the paper that the lifetimes of the second-excited states of some nuclei can be determined by investigating experimentally the dependence of the cross section of resogating

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Card 1/2

ACCESSION NR: AR4032169

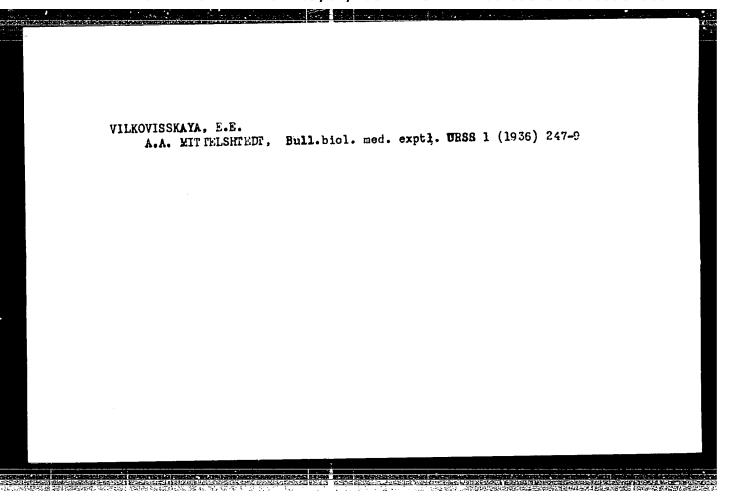
nance scattering on the density of the gaseous source, and by comparing the results with the calculations. A procedure is developed for calculating the deceleration of the recoil nuclei in dense gaseous and liquid sources on the basis of the elastic-collision model. The correctness of the elastic-collision model is discussed. The method considered was used to determine the lifetime of the 4⁺ level (1282 keV) of Cd¹¹⁴ (RZhFiz 1963, 3V90). An analysis of the possipendence of the proposed method shows that by investigating the dependence of the differential cross section of the resonance scatering on the angle between the outgoing cascade γ quanta with the with which the lifetime of the second excited state is determined.

DATE ACQ: 31Mar64

SUB CODE: PH

ENCL: 00

Card 2/2



AKKERMAN, A.F.; VILIKOVISKIY, E.Ya.; KAIPOV, D.K.; CHEKANOV, V.N.

Measuring the lifetime of the 41 (1282 Key.) level of the Call'4

Measuring the lifetime of the 4† (1282 Kev.) level of the Cd¹¹⁴ nucleus by the method of resonance scattering. Zhur. eksp. i teor. fiz. 43 no.4:1268-1271 0 '62. (MIRA 15:11)

1. Institut yadernoy fiziki AN Kazakhskoy SSR. (Cadmium) (Quantum theory)

3/056/62/043/004/021/061 8102/8180

AUTHORS: Akkerman, A. F., Vil'koviskiy, E. Ya., Kainov, D. K.,

Chekanov, V. N.

TITLE: Resonance scattering method of medauring the lifetime of the

4 level (1282 kev) of the Cd114 nucleus

PERIODICAL: Zhurnal eksperimental noy i teoreticheskoy fiziki, v. 43,

no. 4(10), 1962, 1268 - 1271

TEXT: The dependence of the resonance scattering cross section on the source density was investigated with six InCl₃ vapor specimens in quartz ampoules enclosed in stainless steel containers, with heating from 500 to 800°C to vary the density. Each ampoule had an In¹¹⁴ activity of 10 millicuries. That the whole CdCl₃ molecule undergoes the recoil due to gamma

emission in the K-capture, without any destruction of bonds, was confirmed by a special self-absorption experiment. $q = \frac{ndgh^2e^2\Gamma}{4\left[\pi\left(\Delta_n^2 + \Delta_n^2\right)\right]^{1/4}E_0^2}$. (2). The

relative weakening of the resonance effect as a result of additional Card 1/3

3/056/62/043/054/021/061 8102/8180

Resonance scattering method ...

scattering in a thin resonance absorber, was measured. This the level width, which is independent of the state of the source molecule, in the number of atoms per cm⁵Cd, december the scatterer thickness, Δ_n , Δ_p are the Doppler widths due to the thermal motion of the absorber and scatterer atoms respectively, E is the transition energy and gethe spin factor. From $\Gamma = (4.26\pm1.47)\cdot10^{-4}$ even the mean lifetime of the 557-kev 2 level of the Cd 114 nucleus was calculated as $\tau_1 = (1.53\pm0.53)\cdot10^{-11}$ sec. τ_2 the lifetime of the 1202-kev 4 level was calculated from the experimental curves $P(E_p) = \psi[\tau_1, \tau_2, \lambda(\rho, d)]$, where P is the number of y-quanta per even at E, λ is the mean free path of the InCl3 molecules in a medium of density τ_1 and collision parameter d: $\tau_2 = (7.5\pm0.2)\cdot10^{-12}$ sec. The theoretical τ_2 values are highly dependent on the model used, but are always below 7.5·10⁻¹² sec. A model which takes account of nucleon pair interaction and collective interaction with the surface (Phys. Rev. 114, 1116, 1959) gives the best approach. There are 3 figures. Card 2/3

3/056/62/043/004/021/061 Resonance scattering method ... B102/B180 ASSOCIATION: Institut yadernoy fiziki Akademii nauk Kazakhskoy SSR (Institute of Nuclear Physics of the Academy of Sciences of the Kazakhskaya SSR) SUBMITTED: May 29, 1962 Fig. 2. Experimental arrangement. (1) Cylindrical scatterer, (2) shield. ing lead cone, (5) detector, a NaI(T1) crystal with ϕ EY-11(FEU-11) photomultiplier, whose pulses were fed to an A3-1(AZ-1) singlechannel pulse-height analyzer; (4) 1.5 mm Pb shield; (5) furnace with source. 9, mg/cm³ 3.85 21,22 24,55 63,71 233,84 $246\pm22,3$ $232,6\pm21$ $224\pm21,4$ $210,9\pm27,6$ $168\pm18,5$ $85,3\pm19,8$ o, mb Card 3/3

S/707/62/005/000/010/014 D290/D308

AUTHORS:

Akkerman, A.F., Vil'kovitskiy, E.Ya. and Kaipov, D.K.

TITLE:

Doppler broadening of γ -line in gases

SOURCE:

Akademiya nauk Kazakhskoy SSR. Institut yadernoy fiziki. Trudy, v. 5. Alma-Ata, 1962. Fizika chastits

vysolikh energiy. Struktura yadra, 123-134

The authors studied the effect of various factors on the γ -ray microspectra of gaseous sources; these effects are insportant in resonant scattering experiments with γ -rays. The structure of the microspectrum depends on the Doppler energy shifts of γ -quanta due to recoils from previous nuclear processes. The authors calculated the separate effects for a preceding β -disintegration, K-capture, and Υ -transition, and then combined the results by means of probability theory to find the total effect for two typical disintegration appears to a substitute of the subs cal disintegration schemes; the method can be applied to more complex and to branched disintegration schemes. The method was used to calculate the microspectrum of the β -decay of 60Co to 60Ni. The auth-

Card 1/2

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Doppler broadening of ...

S/707/62/005/000/010/014 D290/D308

ors also studied the effect of thermal motion, chemical shifts, and atomic collisions on the microspectrum. The Doppler shift due to thermal motion was calculated assuming a Maxwellian velocity distribution for the gas molecules; the effect was only appreciable at the edges of the spectrum even at 1500°C. The chemical shift effect is difficult to calculate except in the simplest cases; a rough approximation is given by subtracting the energy of the shift from the recall energy. The effect of atomic collisions was calculated on the assumption that association is negligible in the gas; that the molecular interactions are elastic, isotropic in the center-of-mass system, and their cross-section is independent of energy; and that the preceding 7-transitions have much shorter lifetimes than the resonant level. The resonant scattering cross-section for 74Ge was calculated as a function of the density of the 74As source; the results agree well with experiment. There are 5 figures.

Card 2/2

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859820004-4"

VIL'KOYYSKAYA, G.B.; MURONETS, I.I.; PUCHKOV, S.V., kand.fiz.-mat.nauk; KRAVCHENKO, I.M., red.; SIMONOVA, A.I., red.; MANOLE, M.G., red.; KOLESHIKOVA, A.P., tekhn.red.

[German-Russian geophysical dictionary] Nemetsko-russkii geofizicheskii slovar'. Pod red. I.W.Kravchenko, A.I.Simonova. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1959. 409 p. (MIRA 12:5) (German language--Dictionaries--Russian) (Geophysics--Dictionaries)

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DZYAK, V.N., prof.; VIL'KOVSKIY, L.Y.

Pharmacodynamics of the Soviet preparation, nitrosorbid, and its use in chronic coronary insufficiency. Vrach. delo no.5:23-30 My '62. (MIRA 15:6)

VILIKOVSKY, VACLAV

Analysy prumyslu bramborarskeho a odvetvi pribuznych. [Vyd. 1.] Praha, Technicko-vedecke vydavatelstvi, 1951. 130 p. (Chemicka technologie sv. 6, Dil 2, kapitola 11. Technicke rozbory) [Analysis of potato processing and related industries. Illus., bibl., tables]

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, LC., VOL. 3, NO. 1, Jan. 1954, Uncl.

VILKOVOY V. F.

2028. VILKOVOY V. F. Lvov. *The significance of some peculiarities of the carotid canal and the internal venous carotid plexus in otolaryngological diseases (Russian text) VESTN.

OTO-RINO-LARING. 1957, 3 (58-64) Illus. 7

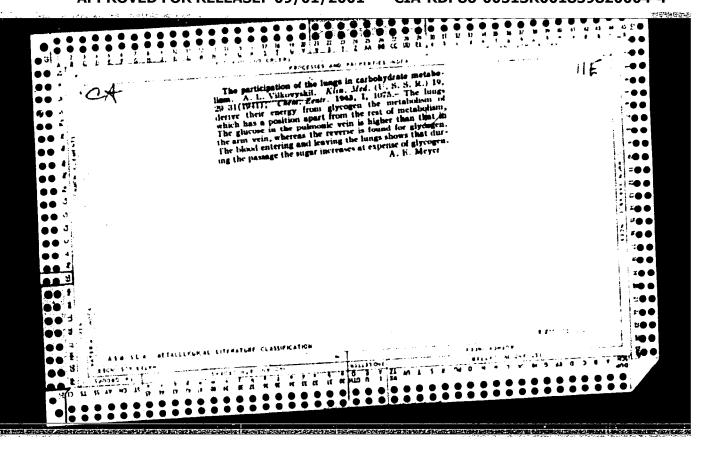
The carotid and its contents were investigated in 100 temporal bones. The lumen of the ascending part of the canal resembles a flattened tube and takes in its horizontal part, a cylindrical form. The direction of the ascending part of the canal in the main coincides with the length of the external auditory meature. The horizontal part of the canal lies on the base of the cranium, more longitudinal in dolichocephali and almost transversal in brachycephali. The carotid artery occupies an eccentric position in the canal. In the horizontal part of the canal the venous plexus eccentric position in the canal. In the horizontal part of the canal the venous plexus external and internal edges of the artery. The dura mater enveloping the artery in the canal, is fixed to the cartilage and bone at the external and internal openings of the canal, thus isolating the epidural space of the canal.

VICEOVISKIY. A.J., SOMMAN, L.S.

frashment of transmist anchors with electropycexis. Tridy TSIS

102482-86 '64. (MIRA 18:11)

1. IV kafedra terapii (zav. - prof. P.L. Yegurov) [Sentral mago instituta usosershenstvorsaiye vra hey.



VILKOVISKIY, A. L.

24949

VILKOVISKIY, A. L. O racprostrementa (Apertonicheskoy boleant. Vincheb.

Delo, 1949, No. 8, STB. 725-28.

SO: Latopis, No. 32, 1949.

VILKOVYSKIY, A.L.

Hole of a physician in athletics. Sovet. med. 16 no. 11: 26-29 Nov. 1952. (CLML 23:3)

1. Professor. 2. Of the Medical Control Laboratory (Head-Docent S. P. Letunov), Central Scientific-Research Institute of Physical Culture (Director -- G. I. Kukushkin).

Excerpta Medica 8/4 sec 6 April 54 Internal Medicine

187. VILKOVISKIY A.L. * The tasks of a hospital for athletes

187. VILKOVISKIY A.L. * The tasks of a hospital for athletes

187. VILKOVISKIY A.L. * The tasks of a hospital for athletes

187. VILKOVISKIY A.L. * The tasks of a hospital for athletes

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187. VILKOVISKIY A.L. * The tasks of a hospital for athletes

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